

Appn No. 09/722,172
Amdt. Dated February 20, 2004
Response to Office action of October 20, 2003

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A sensing device for use with a surface having coded data disposed on the surface, the coded data being indicative of an identity of a region associated with the surface, said device including a detector arranged to detect the coded data and to generate region identity data indicative of the identity of the region using the coded data, and an attachment arrangement adapted to facilitate attachment and detachment of the device to and from a writing implement~~for facilitating attachment of the device to a writing implement.~~
2. (Cancelled)
3. (Previously presented) A sensing device as claimed in claim 1, wherein the attachment arrangement means is a clamp.
4. (Previously presented) A sensing device as claimed in claim 1, further including an orientation mechanism for ensuring correct orientation of the device when the writing implement is held by a user during use.
5. (Previously presented) A sensing device as claimed in claim 4, wherein said orientation mechanism is a grip portion configured so as to correspond with a portion of a user's hand.
6. (Previously presented) A sensing device as claimed in claim 1, further including a calibrator for calibrating the device such that information indicative of the distance between a writing portion of the writing implement and the detector is incorporated into said region identity data.
7. (Previously presented) A sensing device as claimed in claim 1, wherein the attachment arrangement is adapted to facilitate attachment of the device to a pen or marker.

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8. (Previously presented) A sensing device as claimed in claim 1, wherein the attachment arrangement is adapted to facilitate attachment of the device to a pencil.
9. (Previously presented) A sensing device as claimed in claim 1, further including a motion sensor configured to generate movement data indicative of movement of the sensing device relative to the region.
10. (Previously presented) A sensing device as claimed in claim 9, wherein the motion sensor is configured to generate the movement data using the coded data.
11. (Previously presented) A sensing device as claimed in claim 9, wherein the motion sensor includes at least one acceleration sensor, the acceleration sensor being configured to sense acceleration of the sensing device as the sensing device moves relative to the region, the motion sensor being configured to generate the movement data by periodically sampling the acceleration.
12. (Previously presented) A sensing device as claimed in claim 11, wherein the acceleration sensor is configured to sense at least two substantially orthogonal components of acceleration.
13. (Original) A sensing device as claimed in claim 1, wherein the coded data includes a plurality of tags, each tag being indicative of an identity of a region within which the tag lies.
14. (Original) A system for capturing information applied freehand, said system including a sensing device as claimed in claim 1, and a surface having coded data associated with the surface.

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